

ABSTRACT

An optical information recording medium having a multilayer structure comprising at least a lower protective layer, a phase-change type optical recording layer, an upper protective layer and a reflective layer, on a substrate, wherein the phase-change type optical recording layer has a composition of  $Zn_{\gamma 1}In_{\delta 1}Sb_{\zeta 1}Te_{\omega 1}$ , where  $0.01 \leq \gamma 1 \leq 0.1$ ,  $0.03 \leq \delta 1 \leq 0.08$ ,  $0.5 \leq \zeta 1 \leq 0.7$ ,  $0.25 \leq \omega 1 \leq 0.4$ , and  $\gamma 1 + \delta 1 + \zeta 1 + \omega 1 = 1$ , whereby overwrite recording is carried out by modulation of light intensity of at least strong and weak two levels, so that a crystalline state is an unrecorded state, and an amorphous state is a recorded state.